

Suraj B M

Email: suraj.b.m555@gmail.com

Website: silicoflare.is-a.dev

Phone: +91 6366682139

LinkedIn: in/suroj-b-m

Skills

- **Programming Languages:** Python (Proficient), C/C++ (Intermediate), Java (Intermediate), Rust (Moderate), Go (Moderate), R (Moderate)
- **Web Development:** TypeScript, Bun, Next, T3 Stack, MERN Stack, PostgreSQL, TailwindCSS, Cryptography
- **Other Languages:** Bash, Dockerfile, Markdown, Windows Batch, Regex

Education

Grade 10

ICSE Board (2020)

St. Francis de Sales Public School

97%

Grade 12

PUC Board (2022)

Narayana PU College

95%

B. Tech in CSE (AI&ML)

2022 - 2026

PES University

Experience

TwoSpoon.ai

Fullstack Web Development Intern

Startup

Jul 2024

Helped build a website for WLDD, a meme marketing agency, to help with day-to-day activities. It consisted of building a highly responsive UI, role-based authorization, database CRUD, building complex relationships between tables and writing detailed API routes.

Projects

pesu-tix (Open Source - In Progress)

T3 Stack

An event ticketing system tailored for PESU, integrating ID card verification for secure event access. It involves role-based authentication, club and event CRUD and one-click registration to events

rapport

Next.js, MySQL

An end-to-end encrypted messaging app, which secures messages with several layers of encryption using ECDH, AES and PBKDF2.

docker-hadoop

bash, Dockerfile

A minified Docker image based on Ubuntu. It contains pre installed tools required for Big Data, such as hadoop, pig, spark etc

confidant

Bun, TypeScript

A CLI tool to create secure vaults with a combination of Diffie-Hellman cryptography, HMAC, and others.

safe-cli

Bun, TypeScript

A CLI tool to encrypt and decrypt files to send to contacts, using Elliptic Curve Diffie-Hellman and AES.

Voluntary Experience

Encode AI

Founding Member and Web Development Head

PES University

Jan 2024 - Present

Linux Legion

Community Manager and Web Development Head

PES University

Jan 2024 - Present

Research et al

Technical Head

PES University

Aug 2024 - Present

Nexus

Web Development Head

PES University

Oct 2024 - Present

Hobbies and Interests

- **Languages known:** English, Kannada, Hindi, Telugu
- **Reading:** Wikipedia and Fandom articles, Mystery, Romance, Science
- **UNIX Ricing:** Working with various distributions of Linux and desktop managers, and ricing them to give them unique looks